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A COMPREHENSIVE INDEX TO THE *GREAT BASIN NATURALIST*, VOLUMES 1-30 INCLUSIVE 1939-1970

Vasco M. Tanner¹

The *Great Basin Naturalist* was founded in July 1939 by Vasco M. Tanner, who has remained as its editor until December 1970. During this period, thirty volumes have been published. The aims and purposes of the publication were set forth in the first issue, July 25, 1939, as follows:

This publication, to be known as The Great Basin Naturalist, will contain in the main the results of investigations dealing with the fauna of the Intermountain States. It has been apparent for some time that such a publication would be of service, as an outlet for the results of research, to the workers at the Brigham Young University, as well as other investigators of this region. It will also help to make more available to students the printed results of studies relating to the natural history of the Rocky Mountain States. For years papers have been published in various periodicals in this country many of which are not accessible to the students of the universities, junior colleges, and to the same extent the museums. The fauna of this region is far from being well known. The natural habitats are fast becoming changed due to grazing of livestock, agricultural activities, forest fires, and floods. Civilization is bound to bring about radical ecological changes, and the extinction of many of the endemic species. Reports upon collections that have been made, and the results of field studies, should be recorded. It will be our policy, therefore, to publish finished research papers, progress reports, and notes dealing with the physiology, morphology, ecology, and taxonomy of the animal and plant life of this region.

There have been many changes take place in the terrain, as well as the fauna and flora of the Great Basin since the explorers, trap-

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pers, and Mormon Pioneers invaded its vastness 195 years ago. The balance of nature as it was when Escalante's party traversed the central and southern parts of Utah have been greatly modified and will continue to be so in the future. It has taken the public, in this mountainous region, 100 years to learn that they have operated under some mistaken policies in dealing with the soils, water, plants and animal life. Erosion of the watersheds due to excessive grazing, lumbering, and fires, development of new lakes and draining and modifying of old established ones, has brought about irreplaceable changes and in many cases the elimination of endemic species of plants and animals.

In the pages of this journal may be found many reports relating to the changing biota of the Great Basin, as also the descriptions of new taxa.

It has been a pleasure for me to have fostered the *Great Basin Naturalist* from its inception to the present time. There were times during World War II when funds were pinched and few manuscripts were available. The annual volume in some years was limited to one issue, consisting of a combination of the four quarterly numbers. It was under these conditions that I was almost convinced that the late editor and entomologist, Clarence H. Kennedy, was correct in surmising that I was dreaming and was on an erratic course in attempting to found a new journal. Said Kennedy, "We cannot believe that such a perfect journal can last long, at least in its present form. Perhaps it can metamorphose and come up tough and enduring, a true product of the desert whose fauna it discusses."² The journal has withstood the challenge, has toughened up and endured to this time.

It was largely through the encouragement and support of Brigham Young University President, Franklin Stewart Harris, a great scientist, that the journal survived. Dr. Harris constantly urged faculty members to engage in creative thinking and research and to finish their endeavors by publishing the results of their studies. During the past decade, President Ernest L. Wilkinson, and Ernest L. Olson, director of University Press, have provided financial aid and assistance to the program of the *Naturalist*. The *Great Basin Naturalist* was one of the first publications at BYU to be used for exchange purposes by the University libraries.

In preparing this comprehensive index, I have felt that the usefulness of contributions contained in the volumes will be more readily accessible to students and researchers who may use this publication. An index is a great aid to impatient research workers. Present-time users of basic reference works demand a far higher standard of indexing than was considered adequate a half century ago. Modern reference works have responded to this insistent demand of scholars, libraries and general readers with greatly expanded useful indexes.

I am pleased to relinquish the editorship of the *Great Basin Naturalist* and in doing so wish the new editor, Dr. Stephen L.

²Book Notices, *Great Basin Naturalist*, Vol. 1, No. 1, Ann. Ent. Society America, 32(4): 779-780, Dec. 16, 1939. Also, Leech, Hugh B., Vasco M. Tanner. "A Lifetime with Beetles." *Great Basin Naturalist*, 30(4):215, Dec. 31, 1970.

Wood, professor of zoology and entomology, success in his new assignment. Dr. Wood has contributed many important papers to this journal, and he is well prepared to serve as editor.

This index should be of help to all who consult the first thirty volumes. It is divided into three parts, 1) author index; 2) subject index; 3) list of all new taxa described in the journal.

I would like to thank Mrs. Judy Stevens and Abe Panoke for assistance with typing and galley proofreading.

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- Pseudoecyillus* Tanner, n. gen. 10(1-4):71, 1950

COLEOPTERA: SCOLYTIDAE

- Aphanocleptus* Wood, n. gen. 20(3-4):63, 1960
Corthylocurus Wood, n. gen. 26(1-2):18, 1966
Gnathotrypanus Wood, n. gen. 28(1):9, 1968
Hoplitophthorus Wood, n. gen. 21(1-2):2, 105, 1961
Paracorthylus Wood, n. gen. 28(1):7, 1968
Stegomerus Wood, n. gen. 27(3):129, 1967

ACARINA: ORIBATEI: MICROZETIDAE

Allozetes Higgins, n. gen. 25(3-4):55, 1965

ACARINA: ORIBATEI: CERATOPPIIDAE

Paenoppia Woolley and Higgins, n. gen. 25(3-4):59, 1965

ACARINA: ORIBATEI: METRIOPPIIDAE

Metapyroppia Woolley, n. gen. 29(3):137, 1969

ACARINA: CRYPTOSTIGMATA, TECTOCEPHEIDAE

Exochocephus Woolley and Higgins, n. gen. 28(3):144, 1968

ACARINA: CHARASSOBATIDAE

Ametroproctus Higgins and Woolley, n. gen. 28(1):44, 1968

CHILOPODA: LITHOBIIDAE

Mesobius Chamberlin, n. gen. 11(3-4):115, 1951

CHILOPODA: MECISTOCEPHALIDAE

Fusichila Chamberlin, n. gen. 13(3-4):81, 1953

CHILOPODA: PACHMYERINIDAE

Nesomerium Chamberlin, n. gen. 13(3-4):83, 1953

CHILOPODA: SCHENDYLIDAE

Lanonyx Chamberlin, n. gen. 13(3-4):75, 1953

CHILOPODA: TAMPIYIDAE

Abatorus Chamberlin, n. gen. 25(1-2):40, 1965

DIPLOPODA: PARAIULIDAE

Shoshoniulus Chamberlin, n. gen. 11(1-2):23, 1951

Teniulus Chamberlin, n. gen. 11(1-2):21, 1951

SPIROSTREPTIDA: PHALLORTHIDAE

Phallorthus Chamberlin, n. gen. 12(1-4):20, 1952

CHORDATA

OSTEICHTHYES

AMPHIBIA: PLETHODONTIDAE

Lineatriton W. W. Tanner, n. gen. 10(1-4):39, 1950

NEW SPECIES AND SUBSPECIES

NEMATODES: TYLENCHIDAE

- Bathyodontus cylindricus* Fielding, n. sp. 10(1-4):45, 1950
Boleodorus clavicaudatus Thorne, n. sp. 2(2):61, 1941
Boleodorus thylactus Thorne, n. sp. 2(2):60, 1941
Deladenus durus Cobb, n. comb. 2(2):46, 1941
Deladenus obesus Thorne, n. sp. 2(2):47, 1941
Discolaimium gigas Fielding, n. sp. 10(1-4):49, 1950
Discolaimium pseudoporum Fielding, n. sp. 10(1-4):47, 1950
Neotylenchus acutus Thorne, n. sp. 2(2):42, 1941
Neotylenchus arcuatus Thorne, n. sp. 2(2):44, 1941
Neotylenchus coprophagus (Goodey), n. comb. 2(2):42, 1941
Neotylenchus intermedius (Christie), n. comb. 2(2):45, 1941
Nothotylenchus acris Thorne, n. sp. 2(2):57, 1941
Nothotylenchus affinis Thorne, n. sp. 2(2):58, 1941
Nothotylenchus cylindricollis Thorne, n. sp. 2(2):59, 1941
Paurodontus apiticus Thorne, n. sp. 2(2):53, 1941
Paurodontus densus Thorne, n. sp. 2(2):52, 1941
Paurodontus gracilis Thorne, n. sp. 2(2):51, 1941
Paurodontus niger Thorne, n. sp. 2(2):54, 1941
Stictylus asymmetricus Thorne, n. sp. 2(2):55, 1941
Stictylus obtusus Thorne, n. sp. 2(2):55, 1941
Thada cancellata Thorne, n. sp. 2(2):63, 1941
Thada striata Thorne, n. sp. 2(2):62, 1941

ARTHROPODA: INSECTA

COLLEMBOLA: PODURIDAE

- Achorutes thomomys* Chamberlain, n. sp. 4(1-2):39, 1943
Isotoma spatulata Chamberlain, n. sp. 4(1-2):43, 1943
Onychiurus irregularis Chamberlain, n. sp. 4(1-2):43, 1943
Onychiurus millsii Chamberlain, n. sp. 4(1-2):42, 1943

ORTHOPTERA: TETTIGONIIDAE

- Plagiostira mescaleroensis* Tinkham, n.sp. 20(1-2):40, 1960

ORTHOPTERA: ACRIDIDAE

- Cibolacris samalayuae* Tinkham, n. sp. 21(1-2):30, 1961
Trimerotropis agrestis barnumi Tinkham, n. subsp. 20(3-4):54, 1960
Trimerotropis agrestis gracewileyae Tinkham, n. subsp. 20(3-4):50, 1960
Trimerotropis agrestis hewitti, n. subsp. 24(1):31, 1964
Trimerotropis citrina neomexicana Tinkham, n. subsp. 21(3):51, 1961

ORTHOPTERA: GRYLLACRIDIDAE

- Ammopelmatus kelsoensis* Tinkham, n. sp. 25(3-4):67, 1965
Daihinibaenetes arizonensis Tinkham, n. comb. 22(1-3):19, 1962
Daihinibaenetes giganteus Tinkham, n. sp. 22(1-3):15, 1962
Daihinibaenetes tanneri Tinkham, n. sp. 22(1-3):23, 1962
Plagiostira gillettei utahensis Tinkham, n. subsp. 22(4):105, 1962
Stenopelmatus cahuilensis Tinkham, n. sp. 28(3):126, 1968
Utabaenetes tanneri Tinkham, n. sp. 30(4):245, 1970
Viscainopelmatus davewerneri Tinkham, n. sp. 30(3):176, 1970

HEMIPTERA: GERRIDAE

Trepobates panamensis Drake and Hottes, n. sp. 12(1-4):35, 1952

HEMIPTERA: MIRIDAE

- Europiella basicornis* Knight, n. sp. 30(4):230, 1970
Europiella knowltoni Knight, n. sp. 30(4):228, 1970
Europiella monticola Knight, n. sp. 30(4):230, 1970
Europiella multipunctipes Knight, n. sp. 30(4):229, 1970
Tannerocoris sarcobati Knight, n. sp. 30(4):227, 1970

HEMIPTERA: TINGIDAE

- Abdastartus longulus* Drake, n. sp. 13(3-4):95, 1953
Acanthochila comentis Drake, n. sp. 13(1-2):13, 1953
Acanthochila rustica plana Drake, n. var. 13(1-2):13, 1953
Afrotisingis eumenes Drake and Hill, n. sp. 24(3-4):92, 1964
Agramma afrana Drake and Ruhoff, n. n. 20(1-2):36, 1960
Amblystira amica Drake, n. n. 20(1-2):31, 1960
Anommatoris zeteki Drake and Froeschner, n. sp. 22(1-3):8, 1962
Cromerus excelans Drake, n. sp. 13(3-4):91, 1953
Cysteochila aei Drake, n. sp. 23(3-4):152, 1963
Cysteochila apheles Drake, n. sp. 23(3-4):150, 1963
Cysteochila cybele Drake, n. sp. 23(3-4):155, 1963
Cysteochila epelys Drake, n. sp. 23(3-4):154, 1963
Cysteochila incolana Drake, n. sp. 16(1-4):18, 1956
Cysteochila malayana Drake, n. sp. 16(1-4):19, 1956
Cysteochila nigriceps (Signoret), n. comb. 20(1-2):31, 1960
Cysteochila pelates Drake, n. sp. 23(3-4):149, 1963
Cysteochila vadosa Drake, n. sp. 16(1-4):18, 1956
Cysteochila wechinai Drake, n. name 14(1-2):5, 1954
Diconocoris distantis Drake, n. sp. 14(1-2):4, 1954
Dictyla litotes Drake and Hill, n. sp. 24(3-4):86, 1964
Dictyla poecilla Drake and Hill, n. sp. 24(3-4):87, 1964
Dictyotisingis monticola Drake, n. sp. 16(1-4):21, 1956
Dulinius congruus Drake, n. sp. 13(3-4):96, 1953
Dulinius unicolor (Signoret), n. comb. 20(1-2):32, 1960
Haedus cirratus Drake and Hill, n. sp. 24(3-4):88, 1964
Haedus javancus Drake, n. sp. 13(3-4):94, 1953
Leptodictya archboldi Froeschner, n. sp. 28(4):163, 1968
Leptopharsa avia Drake, n. sp. 13(1-2):15, 1953
Leptopharsa bredini Froeschner, n. sp. 28(4):166, 1968
Leptopharsa inannana Drake, n. sp. 13(1-2):13, 1953
Leptopharsa milleri Drake, n. sp. 14(1-2):6, 1954
Leptopharsa paulana Drake, n. sp. 13(1-2):16, 1953
Leptopharsa quadrata Drake, n. sp. 14(1-2):7, 1954
Leptopharsa ralla Drake, n. sp. 23(3-4):156, 1963
Liacorus lectronus Froeschner, n. sp. 29(3):140, 1969
Macropharsa hackeri Drake, n. sp. 13(3-4):97, 1953
Metapyroppia doratosa Froeschner, n. sp. 29(3):137, 1969
Monosteira edeia Drake and Livingstone, n. sp. 24(1):28, 1964
Naochila arete Drake and Mohanasundaram, n. sp. 21(4):108, 1961
Naochila engys Drake and Hill, n. sp. 24(3-4):85, 1964
Nesocypselas evansi Drake, n. sp. 13(3-4):98, 1953
Nesocypselas evansi aemulus Drake, n. subsp. 13(3-4):99, 1953
Oncochila wollastoni (Heer), n. comb. 20(1-2):32, 1960
Oppia coloradensis Froeschner, n. sp. 29(3):133, 1969
Paracopium gigantos Drake, n. sp. 14(1-2):3, 1954
Perissonemia cemeles Drake and Mohanasundaram, n. sp. 21(4):110, 1961
Plesionema eteosa Drake, n. sp. 14(1-2):2, 1954

- Stephanitis assamana* subsp. *eremnoa* Drake and Ruhoff, n. n. 20(1-2):36, 1960
Stephanitis charieis Drake and Mohanasundaram, n. sp. 21(4):111, 1961
Stephanitis (Menodora) kardia Drake and Ruhoff, n. sp. 20(1-2):36, 1960
Tingis aetheria Drake, n. n. 20(1-2):32, 1960
Tingis agrana Drake and Livingstone, n. sp. 24(1):27, 1964
Tingis bengalana Drake, n. sp. 16(1-4):20, 1956
Xenotingis luzonana Drake, n. sp. 14(1-2):8, 1954
Xenotingis papuana Drake, n. sp. 14(1-2):9, 1954

HEMIPTERA: VELIIDAE

- Microvelia ayacuchana* Drake and Capriles, n. sp. 12(1-4):48, 1952
Microvelia cubana Drake, n. sp. 11(1-2):41, 1951
Microvelia duidana Drake and Capriles, n. sp. 12(1-4):49, 1952
Microvelia oaxacana Drake, n. sp. 11(1-2):37, 1951
Microvelia portoricensis Drake, n. sp. 11(1-2):40, 1951
Microvelia tateiana Drake, n. sp. 11(1-2):38, 1951
Oiovelia cunucunumana Drake and Capriles, n. sp. 12(1-4):52, 1952
Rhagovelia culebrana Drake and Capriles, n. sp. 12(1-4):53, 1952

HEMIPTERA: SALDIDAE

- Saldula varionis* Drake and Hottes, n. sp. 10(1-4):57, 1950

HEMIPTERA: HEBRIDAE

- Hebrus amnicus* Drake and Chapman, n. sp. 13(1-2):10, 1953

HEMIPTERA: HYDROMETRIDAE

- Hydrometra alloiona* Drake and Lauck, n. sp. 19(2-3):48, 1959
Hydrometra ciliosa Drake and Lauck, n. sp. 19(2-3):44, 1959
Hydrometra crossa Drake and Lauck, n. sp. 19(2-3):45, 1959
Hydrometra exalla Drake and Lauck, n. sp. 19(2-3):48, 1959
Hydrometra fuanucana Drake, n. sp. 14(3-4):64, 1954
Hydrometra huallagana Drake, n. sp. 14(3-4):65, 1954

HOMOPTERA: APHIDIDAE

- Cinara caliginosa* Hottes, n. sp. 21(1-2):17, 1961
Cinara enigma Hottes and Knowlton, n. sp. 14(1-2):11, 1954
Cinara lunata Hottes, n. sp. 21(1-2):20, 1961
Cinara minuta Hottes and Knowlton, n. sp. 14(1-2):11, 1954
Cinara osborni Knowlton, n. sp. 3(1):7, 1942
Cinara wahuca Hottes, n. sp. 12(1-4):59, 1952
Macrosiphum timpanogos Knowlton, n. sp. 3(1):6, 1942
Myzus haywardi Knowlton, n. sp. 3(1):5, 1942
Schizolachnus wahlea Hottes, n. sp. 12(1-4):57, 1952

DIPTERA: BOMBYLIIDAE

- Amphicosmus arizonensis* Johnson and Johnson, n. sp. 19(4):67, 1959
Bombylius pallescens Johnson and Maughan, n. sp. 13(1-2):20, 1953
Conophorus sackenii Johnson and Maughan, n. sp. 13(1-2):22, 1953
Dicranoclista fasciata Johnson and Johnson, n. sp. 19(4):70, 1959
Exoprosopa arenicola Johnson and Johnson, n. sp. 18(3-4):71, 1958
Exoprosopa butleri Johnson and Johnson, n. sp. 18(3-4):74, 1958
Exoprosopa cingulata Johnson and Johnson, n. sp. 18(3-4):76, 1958
Exoprosopa painterorum Johnson and Johnson, n. n. 19(4):74, 1959

- Exoprosopa sharonae* Johnson and Johnson, n. sp. 18(3-4):78, 1958
Exoprosopa utahensis Johnson and Johnson, n. sp. 18(3-4):81, 1958
Lordotus abdominalis Johnson and Johnson, n. sp. 19(1):10, 1959
Lordotus arizonensis Johnson and Johnson, n. sp. 19(1):19, 1959
Lordotus arnaudi Johnson and Johnson, n. sp. 19(1):13, 1959
Lordotus cingulatus Johnson and Johnson, n. sp. 19(1):21, 1959
Lordotus cingulatus lineatus Johnson and Johnson, n. subsp. 19(1):22, 1959
Lordotus cingulatus rufotibialis Johnson and Johnson, n. subsp. 19(1):23, 1959
Lordotus lutescens Johnson and Johnson, n. sp. 19(1):15, 1959
Lordotus miscellus melanosus Johnson and Johnson, n. subsp. 19(1):24, 1959
Lordotus perplexus Johnson and Johnson, n. sp. 19(1):16, 1959
Lordotus sororculus nigriventris Johnson and Johnson, n. subsp. 19(1):17, 1959
Oestranthrax farinosus Johnson and Maughan, n. sp. 13(1-2):18, 1953
Poecilanthrax alpha zionensis Johnson and Johnson, n. subsp. 17(1-2):6, 1957
Poecilanthrax butleri Johnson and Johnson, n. sp. 17(1-2):7, 1957
Poecilanthrax colei Johnson and Johnson, n. sp. 17(1-2):10, 1957
Poecilanthrax fasciatus Johnson and Johnson, n. sp. 17(1-2):11, 1957
Poecilanthrax ingens Johnson and Johnson, n. sp. 17(1-2):13, 1957
Poecilanthrax marginatus Johnson and Johnson, n. sp. 17(1-2):14, 1957
Poecilanthrax marmoreus Johnson and Johnson, n. sp. 17(1-2):16, 1957
Poecilanthrax robustus Johnson and Johnson, n. sp. 17(1-2):20, 1957
Poecilanthrax sackenii monticola Johnson and Johnson, n. subsp. 17(1-2):23, 1957
Poecilanthrax willistoni autumnalis (Cole), n. comb. 17(1-2):26, 1957

DIPTERA: TIPULIDAE

- Austrolimnophila (Austrolimnophila) subsessilis* Alexander, n. sp. 30(4):238, 1970
Cheilotrichia (Empeda) aglavikensis Alexander, n. sp. 26(1-2):7, 1966
Cheilotrichia (Empeda) tanneri Alexander, n. sp. 30(4):240, 1970
Cryptolabis (Cryptolabis) magnistyla Alexander, n. sp. 22(1-3):4, 1962
Dicranota (Dicranota) bernardinensis Alexander, n. sp. 26(1-2):4, 1966
Dicranota (Dicranota) diacantha Alexander, n. sp. 28(3):122, 1968
Dicranota (Dicranota) rainierensis Alexander, n. sp. 28(3):122, 1968
Dicranota (Plectromyia) lassenensis Alexander, n. sp. 24(1):21, 1964
Dicranota (Plectromyia) nooksackiae latistyla Alexander, n. subsp. 18(1):36, 1958
Dicranota (Rhaphidolabis) nooksackensis brevispinosa Alexander, n. subsp. 18(1):36, 1958
Dicranota (Rhaphidolabis) sanctaeluciae Alexander, n. sp. 24(3-4):118, 1964
Erioptera (Mesocyphona) melanderiana Alexander, n. sp. 5(3-4):99, 1944
Erioptera (Psiloconopa) chaetophora Alexander, n. sp. 28(1):19, 1968
Erioptera (Symplecta) platymera Alexander, n. sp. 28(1):20, 1968
Gonomyia (Idiocera) flintiana Alexander, n. sp. 21(1-2):15, 1961
Gonomyia (Idiocera) leechi Alexander, n. sp. 24(1):22, 1964
Gonomyia (Idiocera) lindseyi Alexander, n. sp. 5(3-4):97, 1944
Gonomyia (Idiocera) persimplex Alexander, n. sp. 29(1):9, 1969
Hexatoma (Eriocera) azrael Alexander, n. sp. 4(3-4):98, 1943
Hexatoma (Eriocera) intrita Alexander, n. sp. 4(3-4):97, 1943
Hexatoma (Eriocera) mariposa Alexander, n. sp. 4(3-4):96, 1943
Limnophila (Elaeophila) modoc Alexander, n. sp. 5(3-4):95, 1944
Limnophila (Idioptera) nearctica Alexander, n. sp. 26(1-2):5, 1966
Limnophila (Phylidorea) burdicki Alexander, n. sp. 24(3-4):120, 1964
Limnophila (Phylidorea) frosti Alexander, n. sp. 21(4):84, 1961
Limnophila (Phylidorea) paeneadusta Alexander, n. sp. 21(4):85, 1961
Limnophila (Prionolabis) boharti Alexander, n. sp. 4(3-4):94, 1943
Limnophila (Prionolabis) freeborni Alexander, n. sp. 4(3-4):91, 1943
Limnophila (Prionolabis) sequoiarum Alexander, n. sp. 4(3-4):89, 1943
Limnophila (Prionolabis) vancouverensis Alexander, n. sp. 4(3-4):92, 1943
Limonia (Dicranomyia) acinomeca Alexander, n. sp. 28(3):113, 1968
Limonia (Dicranomyia) apiceglabra Alexander, n. sp. 28(3):114, 1968
Limonia (Dicranomyia) chillcotti Alexander, n. sp. 28(3):115, 1968

- Limonia (Dicranomyia) dreisbachi* Alexander, n. sp. 25(3-4):53, 1965
Limonia (Dicranomyia) involuta Alexander, n. sp. 28(3):117, 1968
Limonia (Dicranomyia) ozarkensis Alexander, n. sp. 28(3):118, 1968
Limonia (Geranomyia) innoxia Alexander, n. sp. 28(3):119, 1968
Limonia (Metalimnobia) californica decreta Alexander, n. subsp. 28(3):120, 1968
Lipsothirix hynesiana Alexander, n. sp. 24(1):23, 1964
Molophilus (Molophilus) aspersulus Alexander, n. sp. 22(1-3):6, 1962
Molophilus (Molophilus) frohnei Alexander, n. sp. 28(1):22, 1968
Molophilus (Molophilus) nitidulus Alexander, n. sp. 5(3-4):102, 1944
Molophilus (Molophilus) subnitens Alexander, n. sp. 5(3-4):101, 1944
Ormosia (Ormosia) burneyana Alexander, n. sp. 24(1-3):5, 1962
Ormosia (Ormosia) hynesi Alexander, n. sp. 22(1-3):5, 1962
Ormosia (Ormosia) nobilis Alexander, n. sp. 24(3-4):121, 1964
Ormosia (Ormosia) pugetensis Alexander, n. sp. 5(3-4):100, 1944
Ormosia (Parormosia) frohneorum Alexander, n. sp. 28(1):21, 1968
Pedicia (Pедicia) bellamyana Alexander, n. sp. 24(3-4):117, 1964
Pedicia (Tricyphona) ampla cinereicolor Alexander, n. subsp. 18(1):32, 1958
Pedicia (Tricyphona) ampla perangusta Alexander, n. subsp. 18(1):33, 1958
Pedicia (Tricyphona) aspidoptera convexa Alexander, n. subsp. 18(1):33, 1958
Pedicia (Tricyphona) hynesiana Alexander, n. sp. 21(1-2):14, 1961
Pedicia (Tricyphona) pahasapa Alexander, n. sp. 18(1):31, 1958
Pedicia (Tricyphona) shastensis Alexander, n. sp. 18(1):35, 1958
Pedicia (Tricyphona) steensensis Alexander, n. sp. 18(1):33, 1958
Phylloclabris hurdi Alexander, n. sp. 24(3-4):119, 1964
Prionocera broweriana Alexander, n. sp. 21(4):79, 1961
Rhabdomastix (Sacandaga) hynesi Alexander, n. sp. 26(1-2):6, 1966
Rhabdomastix (Sacandaga) neolurida flaviventris Alexander, n. sp. 24(3-4):121, 1964
Shannonomyia semireducta Alexander, n. sp. 30(4):239, 1970
Thaumastoptera hynesi Alexander, n. sp. 24(1):20, 1964
Tipula (Arctotipula) denali Alexander, n. sp. 29(1):2, 1969
Tipula (Arctotipula) epios Alexander, n. sp. 29(1):3, 1969
Tipula (Arctotipula) mckinleyana Alexander, n. sp. 29(1):4, 1969
Tipula (Arctotipula) sacra Alexander, n. sp. 5(3-4):93, 1944
Tipula (Arctotipula) smithae Alexander, n. sp. 28(1):16, 1968
Tipula (Bellardina) flinti Alexander, n. sp. 30(4):236, 1970
Tipula (Eremotipula) eurystyla Alexander, n. sp. 29(1):8, 1969
Tipula (Eumicrotipula) estella Alexander, n. sp. 30(4):237, 1970
Tipula (Hesperotipula) chumash Alexander, n. sp. 21(1-2):13, 1961
Tipula (Hesperotipula) linsdalei obispoensis Alexander, n. subsp. 22(1-3):4, 1962
Tipula (Lunatipula) cladacanthodes Alexander, n. sp. 24(1):19, 1964
Tipula (Lunatipula) grahamina Alexander, n. sp. 23(3-4):162, 1963
Tipula (Lunatipula) incisa picturata Alexander, n. subsp. 21(4):84, 1961
Tipula (Lunatipula) kirkwoodi Alexander, n. sp. 21(4):82, 1961
Tipula (Lunatipula) mecotrichia Alexander, n. sp. 26(1-2):2, 1966
Tipula (Lunatipula) mercedensis Alexander, n. sp. 25(3-4):50, 1965
Tipula (Lunatipula) productisterna Alexander, n. sp. 23(3-4):164, 1963
Tipula (Lunatipula) saylori Alexander, n. sp. 21(4):81, 1961
Tipula (Lunatipula) triplex integra Alexander, n. subsp. 22(1-3):4, 1962
Tipula (Nippotipula) metacommet Alexander, n. sp. 25(3-4):49, 1965
Tipula (Platytipula) knowltoniana Alexander, n. sp. 29(1):5, 1969
Tipula (Platytipula) paterifera Alexander, n. sp. 22(1-3):2, 1962
Tipula (Platytipula) perhirtipes Alexander, n. sp. 23(3-4):162, 1963
Tipula (Pterelachisus) horningi Alexander, n. sp. 26(1-2):1, 1966
Tipula (Pterelachisus) simondsi Alexander, n. sp. 25(3-4):51, 1965
Tipula (Sinotipula) denningi Alexander, n. sp. 29(1):7, 1969
Tipula (Trichotipula) dis Alexander, n. sp. 22(1-3):1, 1962
Tipula (Trichotipula) gertschi Alexander, n. sp. 23(3-4):159, 1963
Tipula (Trichotipula) hedgesi Alexander, n. sp. 21(1-2):10, 1961
Tipula (Yamatotipula) carsoni Alexander, n. sp. 23(3-4):160, 1963
Tipula (Yamatotipula) footeana Alexander, n. sp. 21(1-2):11, 1961
Tipula (Yamatotipula) toklatensis Alexander, n. sp. 28(1):17, 1968

Zelandotipula serratimargo Alexander, n. sp. 30(4):233, 1970

DIPTERA: BLEPHAROCERIDAE

Bibiocephala nigripes Alexander, n. sp. 25(1-2):2, 1965

DIPTERA: DOLICHOPODIDAE

Aphrosylus wirthi Harmston, n. sp. 11(1-2):13, 1951

Argyra utahna Harmston, n. sp. 11(1-2):16, 1951

Chrysotus silvicolus Harmston, n. sp. 11(1-2):11, 1951

Medeterus arnaudi Harmston, n. sp. 11(1-2):12, 1951

Neurigona torrida Harmston, n. sp. 11(1-2):14, 1951

Syntormon californicum Harmston, n. sp. 11(1-2):15, 1951

DIPTERA: ASILIDAE

Cyrtopogon albifacies Johnson, n. sp. 3(1):1, 1942

Mallophora (Mallophorina) pallida Johnson, n. sp. 18(2):41, 1958

DIPTERA: PUIPIPARA, NYCTERIBIIDAE

Basilia jellisoni Theodor and Peterson, n. sp. 24(3-4):109, 1964

Basilia mimoni Theodor and Peterson, n. sp. 24(3-4):107, 1964

Penicillidia godivae Theodor and Peterson, n. sp. 24(3-4):113, 1964

COLEOPTERA: CICINDELIDAE

Amblycheila utahensis Tanner, n. sp. 11(1-2):47, 1951

COLEOPTERA: CARABIDAE

Elaphrus torreyensis Tanner, n. sp. 2(4):137, 1941

COLEOPTERA: OMOPHRONIDAE

Homophron tanneri Chandler, n. sp. 2(2):100, 1941

Homophron tanneri proximum Chandler, n. subsp. 2(2):102, 1941

COLEOPTERA: DYTISCIDAE

Hydroporus transpunctatus Chandler, n. sp. 2(2):103, 1941

COLEOPTERA: CLERIDAE

Enoclerus eximius trullionis Barr, n. subsp. 7(1-4):21, 1946

COLEOPTERA: BUPRESTIDAE

Acmaeodera diffusa Barr, n. sp. 29(1):13, 1969

COLEOPTERA: TENEBRIONIDAE

Araeoschizus airmeti Tanner, n. sp. 6(1-4):125, 1945

Craniotus blaisdelli Tanner, n. sp. 23(3-4):169, 1963

Eleodes inyoensis Tanner, n. sp. 21(3):68, 1961

Eleodes leechi Tanner, n. sp. 21(3):63, 1961

Eschatomoxys tanneri Sorenson and Stones, n. sp. 19(2-3):63, 1959

COLEOPTERA: SCARABAEIDAE

- Diplotaxis acononicus* Cazier, n. sp. 1(3-4):131, 1940
Diplotaxis aequalis Cazier, n. sp. 1(3-4):129, 1940
Diplotaxis aulacochela Cazier, n. sp. 1(3-4):131, 1940
Diplotaxis brevicornis Cazier, n. sp. 1(3-4):136, 1940
Diplotaxis fulgida Cazier, n. sp. 1(3-4):130, 1940
Diplotaxis impressifrons Cazier, n. sp. 1(3-4):127, 1940
Diplotaxis microps Cazier, n. sp. 1(3-4):134, 1940
Diplotaxis parkeri Cazier, n. sp. 1(3-4):133, 1940
Diplotaxis persisae Cazier, n. sp. 1(3-4):133, 1940
Diplotaxis recticanthus Cazier, n. sp. 1(3-4):135, 1940
Diplotaxis saylori Cazier, n. sp. 1(3-4):128, 1940
Diplotaxis ungulatus Cazier, n. sp. 1(3-4):132, 1940

COLEOPTERA: CURCULIONIDAE

- Bagous angustus* Tanner, n. sp. 14(3-4):73, 1954
Bagous blatchleyi Tanner, n. sp. 4(1-2):14, 1943
Bagous chandleri Tanner, n. sp. 4(1-2):26, 1943
Bagous dietzi Tanner, n. sp. 14(3-4):74, 1954
Bagous floridanus Tanner, n. sp. 4(1-2):30, 1943
Bagous lengi Tanner, n. sp. 4(1-2):13, 1943
Bagous longirostris Tanner, n. sp. 4(1-2):18, 1943
Bagous texanus Tanner, n. sp. 4(1-2):20, 1943
Bagous tingi Tanner, n. sp. 4(1-2):27, 1943
Cimbochera petersoni Tanner, n. sp. 2(1):29, 1941
Dorytomus rubidus Tanner, n. sp. 1(1):32, 1939
Eucyllus tinkhami Tanner, n. sp. 19(2-3):53, 1959
Eupagoderes hardyi Tanner, n. sp. 1(1):31, 1939
Eupagoderes utahensis Tanner, n. sp. 1(1):31, 1939
Lophothetes reimschiüsseli Tanner, n. sp. 20(1-2):26, 1960
Miloderoides vandykei Tanner, n. sp. 3(1):23, 1942
Moluccobius marshalli Tanner, n. sp. 20(1-2):23, 1960
Onychylis essigi Tanner, n. sp. 14(3-4):77, 1954
Pandeleiteius bryanti Tanner, n. sp. 14(3-4):76, 1954
Prnigodes buchanani Tanner, n. sp. 4(1-2):33, 1943
Prnigodes tuberosus Tanner, n. sp. 4(1-2):35, 1943
Pseudoeucyllus boulderensis Tanner, n. sp. 10(1-4):71, 1950

COLEOPTERA: PLATYPODIDAE

- Cenocephalus epistomalis* Wood, n. sp. 26(3-4):47, 1966
Neotrachyostus obliquus Wood, n. sp. 26(3-4):49, 1966
Platypus abditulus Wood, n. sp. 26(3-4):50, 1966
Platypus abietis Wood, n. sp. 18(1):39, 1958
Platypus angustatulus Wood, n. sp. 26(3-4):55, 1966
Platypus annexus Wood, n. sp. 26(3-4):62, 1966
Platypus brevicornis Wood, n. sp. 26(3-4):61, 1966
Platypus chiriquensis Wood, n. sp. 26(3-4):59, 1966
Platypus clunalis Wood, n. sp. 26(3-4):67, 1966
Platypus cluniculus Wood, n. sp. 26(3-4):69, 1966
Platypus clunis Wood, n. sp. 26(3-4):68, 1966
Platypus connexus Wood, n. sp. 26(3-4):65, 1966
Platypus eugestus Wood, n. sp. 26(3-4):64, 1966
Platypus exitialis Wood, n. sp. 26(3-4):51, 1966
Platypus liraticus Wood, n. sp. 26(3-4):58, 1966
Platypus longior Wood, n. sp. 26(3-4):56, 1966
Platypus longius Wood, n. sp. 26(3-4):57, 1966
Platypus occipitis Wood, n. sp. 26(3-4):54, 1966
Platypus prenexus Wood, n. sp. 26(3-4):64, 1966

- Platypus schedli* Wood, n. sp. 26(3-4):51, 1966
Platypus senexus Wood, n. sp. 26(3-4):66, 1966
Platypus simpliciformis Wood, n. sp. 26(3-4):57, 1966
Platypus vegestus Wood, n. sp. 26(3-4):63, 1966
Tesseroцерus forceps Wood, n. sp. 26(3-4):46, 1966

COLEOPTERA: SCOLYTIDAE

- Amphicranus quercus* Wood, n. sp. 27(1):53, 1967
Amphicranus rameus Wood, n. sp. 27(1):55, 1967
Aphanocleptus coniferæ Wood, n. sp. 20(3-4):64, 1960
Bothrosternus definitus Wood, n. sp. 28(2):109, 1968
Brachyspartus emarginatus (Eggers), n. comb. 26(1-2):22, 1966
Cactopinus cactophthorus Wood, n. sp. 17(3-4):105, 1957
Cactopinus mexicanus Wood, n. sp. 27(1):37, 1967
Cactopinus spinatus Wood, n. sp. 17(3-4):106, 1957
Carphoborus perplexus Wood, n. sp. 20(3-4):59, 1960
Chaetophloeus minimus Wood, n. sp. 27(2):95, 1967
Chaetophloeus struthanthi Wood, n. sp. 27(2):96, 1967
Chramesus bicolor Wood, n. sp. 27(2):91, 1967
Chramesus demissus Wood, n. sp. 27(2):93, 1967
Chramesus incomptus Wood, n. sp. 27(2):90, 1967
Chramesus minulus Wood, n. sp. 29(3):126, 1969
Chramesus punctatus Wood, n. sp. 27(2):94, 1967
Chramesus setosus Wood, n. sp. 20(3-4):61, 1960
Chramesus strigatus Wood, n. n. 20(3-4):62, 1960
Chramesus vastus Wood, n. sp. 27(2):92, 1967
Chramesus vitiosus Wood, n. sp. 29(3):125, 1969
Cnesinus adusticus Wood, n. sp. 27(2):87, 1967
Cnesinus annectens Wood, n. sp. 27(2):86, 1967
Cnesinus atavus Wood, n. sp. 28(2):106, 1968
Cnesinus atrodeclivis Wood, n. sp. 28(2):108, 1968
Cnesinus bicornus Wood, n. sp. 27(2):80, 1967
Cnesinus carinatus Wood, n. sp. 27(2):88, 1967
Cnesinus colombianus Wood, n. sp. 27(2):84, 1967
Cnesinus degener Wood, n. sp. 28(2):105, 1968
Cnesinus denotatus Wood, n. sp. 28(2):107, 1968
Cnesinus electinus Wood, n. sp. 27(2):82, 1967
Cnesinus elegantis Wood, n. sp. 27(2):79, 1967
Cnesinus foratus Wood, n. sp. 27(2):81, 1967
Cnesinus frontalis Wood, n. sp. 28(2):104, 1968
Cnesinus gibbosus Wood, n. sp. 28(2):101, 1968
Cnesinus gibbulus Wood, n. sp. 28(2):100, 1968
Cnesinus minitropis Wood, n. sp. 28(2):105, 1968
Cnesinus myelitis Wood, n. sp. 27(2):84, 1967
Cnesinus niger Wood, n. sp. 27(2):83, 1967
Cnesinus perplexus Wood, n. sp. 28(2):102, 1968
Cnesinus retifer Wood, n. sp. 27(2):85, 1967
Cnesinus squamosus Wood, n. sp. 28(2):102, 1968
Conophthorus mexicanus Wood, n. sp. 22(1-3):79, 1962
Corthylus petilus Wood, n. sp. 27(1):56, 1967
Corthylus splendens Wood, n. sp. 27(3):138, 1967
Cryphalomorphus expers (Blandford), n. comb. 26(1-2):22, 1966
Cryptulocleptus Wood, n. n. 22(1-3):76, 1962
Dactylipalpus unctus Wood, n. sp. 21(1-2):8, 1961
Dendrocranulus schedli Wood, n. n. 26(1-2):23, 1966
Dendroctonus aztecus Wood, n. sp. 23(1-2):69, 1963
Dendroterus confinis Wood, n. sp. 19(1):6, 1959
Dendroterus decipiens Wood, n. sp. 19(1):5, 1959
Dendroterus mundus Wood, n. sp. 19(1):3, 1959
Dendroterus texanus Wood, n. sp. 19(1):4, 1959

- Dryotomicus* Wood, n. n. 22(1-3):76, 1962
Eupagiocerus clarus Wood, n. sp. 25(1-2):33, 1965
Eupagiocerus serratus Wood, n. sp. 21(4):104, 1961
Eupagiocerus vastus Wood, n. sp. 25(1-2):34, 1965
Gnathopthorus Wood, n. n. 22(1-3):76, 1962
Gnathotrichus dentatus Wood, n. sp. 27(1):45, 1967
Gnathotrichus imitans Wood, n. sp. 27(1):48, 1967
Gnathotrichus nimifrons Wood, n. sp. 27(1):47, 1967
Gnathotrichus perniciosus Wood, n. sp. 27(1):47, 1967
Gnathotrupes fimbriatus (Schedl), n. comb. 26(1-2):23, 1966
Gnathotrypanus electus Wood, n. sp. 28(1):10, 1968
Gnathotrypanus terebratus Wood, n. sp. 28(1):9, 1968
Hexacolus multistriatus Wood, n. sp. 21(4):97, 1961
Hexacolus obscurus Wood, n. sp. 21(4):100, 1961
Hexacolus reticulatus Wood, n. sp. 21(4):98, 1961
Hexacolus tenuis Wood, n. sp. 21(4):99, 1961
Hoplitontus Wood, n. n. 21(1-2):2, 1961
Hoplitophthorus Wood, corrected spelling 21(4):105, 1961
Hoplitophthorus boliviae Wood, n. sp. 21(4):106, 1961
Hoplitophthorus cubensis Wood, n. sp. 21(4):107, 1961
Hoplitophthorus major (Eggers), n. comb. 21(4):105, 1961
Hoplitophthorus sentus Wood, n. sp. 21(1-2):3, 1961
Hylastes flohri (Eggers), n. comb. 26(1-2):24, 1966
Hylastes mexicanus Wood, n. sp. 27(1):36, 1967
Hylocurus femineus Wood, n. sp. 19(2-3):59, 1959
Hylocurus hirtellus (LeConte), n. comb. 26(1-2):24, 1966
Hylocurus minor Wood, n. sp. 21(1-2):4, 1961
Ips sabinianae (Hopping), n. comb. 28(1):15, 1968
Ips sulcifrons Wood, n. sp. 20(3-4):67, 1960
Ips utahensis Wood, n. sp. 20(3-4):66, 1960
Leperisinus guatemalensis Wood, n. sp. 27(2):89, 1967
Liparthrum arizonicum Wood, n. sp. 19(2-3):57, 1959
Loganius confinis Wood, n. sp. 21(4):94, 1961
Loganius exilis Wood, n. sp. 27(3):119, 1967
Loganius fastigiatus Wood, n. sp. 21(4):93, 1961
Loganius impressus Wood, n. sp. 21(4):90, 1961
Loganius liratus Wood, n. sp. 21(4):92, 1961
Loganius niger Wood, n. sp. 21(4):95, 1961
Loganius prociduus Wood, n. sp. 21(4):91, 1961
Loganius splendens Wood, n. sp. 21(4):88, 1961
Loganius vagabundus Wood, n. sp. 21(4):89, 1961
Micracis carinulatus Wood, n. sp. 20(3-4):62, 1960
Microcorthylus desus Wood, n. sp. 27(1):52, 1967
Microborus camerunus (Eggers), n. comb. 21(4):101, 1961
Microborus lautus Wood, n. sp. 21(4):101, 1961
Mimips chiriquensis (Blanford), n. comb. 26(1-2):24, 1966
Monarthrum bicavum Wood, n. sp. 27(1):51, 1967
Monarthrum bicolor Wood, n. sp. 28(1):4, 1968
Monarthrum bisetosum (Schedl), n. comb. 26(1-2):24, 1966
Monarthrum exornatum (Schedl), n. comb. 26(1-2):25, 1966
Monarthrum huachucae Wood, n. sp. 19(2-3):61, 1959
Monarthrum laterale (Eichhoff), n. comb. 26(1-2):25, 1966
Monarthrum melanura Blanford, n. comb. 26(1-2):26, 1966
Monarthrum preclarus Wood, n. sp. 28(1):6, 1968
Monarthrum quercicolens Wood, n. sp. 27(1):49, 1967
Monarthrum querneus Wood, n. sp. 27(1):50, 1967
Neodryocoetes limbatus (Eggers), n. comb. 26(1-2):27, 1966
Paracorthylus velutinus Wood, n. sp. 28(1):7, 1968
Pityoborus hirtellus Wood, n. sp. 18(2):50, 1958
Pityoborus intonsus Wood, n. sp. 18(2):54, 1958
Pityoborus rubentis Wood, n. sp. 18(2):51, 1958
Pityoborus velutinus Wood, n. sp. 18(2):48, 1958

- Pityokteines ornatus* (Swaine), n. comb. 26(1-2):27, 1966
Pityophthorus abiegus Wood, n. sp. 24(2):67, 1964
Pityophthorus atomus Wood, n. sp. 24(2):61, 1964
Pityophthorus borrichiae Wood, n. sp. 24(2):60, 1964
Pityophthorus cristatus Wood, n. sp. 24(2):68, 1964
Pityophthorus dolus Wood, n. sp. 24(2):65, 1964
Pityophthorus elatinus Wood, n. sp. 24(2):66, 1964
Pityophthorus festus Wood, n. sp. 27(1):39, 1967
Pityophthorus foratus Wood, n. sp. 27(1):40, 1967
Pityophthorus hylouroides Wood, n. sp. 24(2):69, 1964
Pityophthorus islasii Wood, n. sp. 22(1-3):80, 1962
Pityophthorus limatus Wood, n. sp. 24(2):65, 1964
Pityophthorus nanus Wood, n. sp. 24(2):64, 1964
Pityophthorus paulus Wood, n. sp. 24(2):63, 1964
Pityophthorus pusillus Wood, n. sp. 24(2):62, 1964
Pityophthorus quercinus Wood, n. sp. 27(1):40, 1967
Pityophthorus schwerdtfergeri (Schedl), n. comb. 26(1-2):28, 1966
Pityophthorus toralis Wood, n. sp. 24(2):59, 1964
Pityotrichus Wood, n. n. 22(1-3):76, 1962
Phloeotribus destructor Wood, n. sp. 29(3):123, 1969
Phloeotribus furvus Wood, n. sp. 29(3):124, 1969
Phloeotribus quercinus Wood, n. sp. 29(3):123, 1969
Phloeotribus simplex Wood, n. sp. 27(2):95, 1967
Prionosceles glaber Wood, n. sp. 21(4):102, 1961
Prionosceles panamensis Wood, n. sp. 21(4):103, 1961
Pseudohylesinus pini Wood, n. sp. 29(3):122, 1969
Pseudothysanoes thomasi Wood, n. sp. 27(1):38, 1967
Pseudopityophthorus granulifer Wood, n. sp. 27(1):42, 1967
Pseudopityophthorus hondurensis Wood, n. sp. 27(1):42, 1967
Pseudopityophthorus micans Wood, n. sp. 27(1):44, 1967
Pseudopityophthorus tenuis Wood, n. sp. 19(1):1, 1959
Pseudopityophthorus tropicalis Wood, n. sp. 27(1):43, 1967
Pseudothysanoes multispinatus Wood, n. sp. 17(3-4):109, 1957
Pseudothysanoes spinura Wood, n. sp. 19(2-3):58, 1959
Pseudothysanoes tresmariae (Schedl), n. comb. 26(1-2):29, 1966
Scolytodes amoenus Wood, n. sp. 27(3):128, 1967
Scolytodes clusiacolens Wood, n. sp. 27(3):121, 1967
Scolytodes clusiavorus Wood, n. sp. 27(3):122, 1967
Scolytodes facetus Wood, n. sp. 27(3):126, 1967
Scolytodes ficivorus Wood, n. sp. 27(3):125, 1967
Scolytodes ingavorus Wood, n. sp. 27(3):126, 1967
Scolytodes nanellus Wood, n. sp. 27(3):124, 1967
Scolytodes perditus Wood, n. sp. 27(3):123, 1967
Scolytodes proximus Wood, n. sp. 27(3):127, 1967
Scolytodes venustus Wood, n. sp. 27(3):124, 1967
Scolytopsis cubensis Wood, n. sp. 21(4):87, 1961
Scolytopsis laticollis Wood, n. sp. 28(1):14, 1968
Scolytus aztecus Wood, n. sp. 27(3):120, 1967
Scolytus hermosus Wood, n. sp. 28(1):12, 1968
Scolytus mundus Wood, n. sp. 28(1):13, 1968
Scolytus obelus Wood, n. sp. 22(1-3):81, 1962
Spermatophthorus aberrans Wood, n. sp. 28(1):11, 1968
Stegomerus chiriquensis Wood, n. sp. 27(3):131, 1967
Stegomerus mexicanus Wood, n. sp. 27(3):133, 1967
Stegomerus montanus Wood, n. sp. 27(3):132, 1967
Stegomerus pygmaeus Wood, n. sp. 27(3):130, 1967
Stegomerus vulgaris Wood, n. sp. 27(3):134, 1967
Styracoptinus Wood, n. n. 22(1-3):76, 1962
Thamnophthorus impensus Wood, n. sp. 21(1-2):6, 1961
Toxophthorus Wood, n. n. 22(1-3):76, 1962
Tricolus saundersi Wood, n. sp. 27(3):139, 1967
Tricolus spectabilis Wood, n. sp. 27(3):140, 1967

- Xyleborus bicornatulus* Wood, n. sp. 27(3):137, 1967
Xyleborus horridatus Wood, n. sp. 27(3):135, 1967
Xyleborus horridicus Wood, n. sp. 27(3):136, 1967
Xyleborus longideclivis Wood, n. sp. 28(1):1, 1968
Xyleborus parcellus Wood, n. sp. 28(1):2, 1968
Xyleborus usticius Wood, n. sp. 28(1):3, 1968
Xylosandrus zimmermanni (Hopkins), n. comb. 26(1-2):33, 1966

SIPHONAPTERA: HYSTRICHOPSYLLIDAE

- Megarthroglossus becki* Tipton and Allred, n. sp. 11(3-4):108, 1951

HYMENOPTERA: FORMICIDAE

- Aphaenogaster (Attomyrma) boulderensis* Smith, n. sp. 2(3):120, 1941
Aphaenogaster (Attomyrma) floridana Smith, n. sp. 2(3):118, 1941
Myrmecocystus pyramicus Smith, n. sp. 11(3-4):91, 1951
Veromessor lariversi Smith, n. sp. 11(3-4):94, 1951

ACARINA: TROMBICULIDAE

- Acomatacarus sexacis* Allred and Beck, n. sp. 13(3-4):87, 1953
Euschöngastia fasolla Brennan and Beck, n. sp. 15(1-4):12, 1955
Euschöngastia lanceolata Brennan and Beck, n. sp. 15(1-4):13, 1955
Euschöngastia lanei Brennan and Beck, n. sp. 15(1-4):14, 1955
Euschöngastia obesa Brennan and Beck, n. sp. 15(1-4):16, 1955
Euschöngastia rotunda Brennan and Beck, n. sp. 15(1-4):17, 1955
Euschöngastia utahensis Brennan and Beck, n. sp. 15(1-4):18, 1955
Trombicula allredi Brennan and Beck, n. sp. 15(1-4):9, 1955
Trombicula doremi Brennan and Beck, n. sp. 15(1-4):10, 1955
Trombicula lacerticola Loomis, n. sp. 24(1):13, 1964

ACARINA: LAELAPTIDAE

- Ophidilaelaps farrieri* Tibbetts, n. sp. 14(3-4):70, 1954
Ophidilaelaps tanneri Tibbetts, n. sp. 14(3-4):67, 1954

ACARINA: TENERIFFIIDAE

- Neoteneriffiola uta* Tibbetts, n. sp. 18(2):44, 1958

ACARINA: BDELLIDAE

- Spinibdella mali* Jorgensen, n. sp. 27(2):98, 1967

ACARINA: ORIBATEI: EREMAEIDAE

- Eremaeus stiktos* Higgins, n. sp. 22(1-3):89, 1962
Passalozetes linearis Higgins and Woolley, n. sp. 22(4):93, 1962

ACARINA: ORIBATEI: MICROZETIDAE

- Allozetes harpezus* Higgins, n. sp. 25(3-4):55, 1965

ACARINA: ORIBATEI: ORIBATELLIDAE

- Ophidiotrichus exastus* Higgins, n. sp. 25(3-4):57, 1965

ACARINA: ORIBATEI: CERATOPPIIDAE

Paenoppia forficula Woolley and Higgins, n. sp. 25(3-4):59, 1965

ACARINA: CRYPTOSTIGMATA: MEGEREMAEIDAE

Megeremaeus ditrichosus Woolley and Higgins, n. sp. 28(4):174, 1968

ACARINA, ORIBATEI: GYMNODAMAEIDAE

Gymnodamaeus veriornatus Higgins, n. sp. 21(1-2):27, 1961

ACARINA: CRYPTOSTIGMATA: CEPHEIDAE

Eupterotegaeus rhamphosus Higgins and Woolley, n. sp. 28(4):179, 1968

Sphodrocephus anthelionus Higgins and Woolley, n. sp. 28(4):176, 1968

ACARINA: CRYPTOSTIGMATA: OPIIIDAE

Metapyropia doratosa Woolley, n. sp. 20(3):137, 1969

Oppia coloradensis Woolley, n. sp. 29(3):133, 1969

ACARINA: CRYPTOSTIGMATA: LIACARIDAE

Liacarus lectronus Higgins and Woolley, n. sp. 29(3):140, 1969

ACARINA: CRYPTOSTIGMATA: TECTOCEPHEIDAE

Exochocephus eremitus Woolley and Higgins, n. sp. 28(3):144, 1968

ACARINA: CAECULIDAE

Caeculus mariae Higgins and Mulaik, n. sp. 17(1-2):27, 1957

ACARINA: CHARASSOBATIDAE

Ametroproctus oresbios Higgins and Woolley, n. sp. 28(1):44, 1968

CHILOPODA: LITHOBIIDAE

Mesobius danianus Chamberlin, n. sp. 11(3-4):116, 1951

Pokabius aethes Chamberlin, n. sp. 11(3-4):115, 1951

CHILOPODA: GEOPHILIDAE

Geophilus becki Chamberlin, n. sp. 11(1-2):34, 1951

CHILOPODA: ETHOPOLIDAE

Ethopolys calibius Chamberlin, n. sp. 11(3-4):117, 1951

Ethopolys spectans Chamberlin, n. sp. 11(3-4):118, 1951

Ethopolys timpus Chamberlin, n. sp. 11(3-4):116, 1951

CHILOPODA: MECISTOCEPHALIDAE

Fusichila waipaheenas Chamberlin, n. sp. 13(3-4):81, 1953

Mecistocephalus kraussi Chamberlin, n. sp. 13(3-4):78, 1953

- Mecistocephalus malayensis* Chamberlin, n. sp. 13(3-4):79, 1953
Mecistocephalus waikaneus Chamberlin, n. sp. 13(3-4):81, 1953

CHILOPODA: DINOCRYPTOPIDAE

- Newportia albana* Chamberlin, n. sp. 17(1-2):36, 1957
Newportia atopa Chamberlin, n. sp. 17(1-2):37, 1957
Newportia caldes Chamberlin, n. sp. 17(1-2):37, 1957
Newportia ecuadorana Chamberlin, n. sp. 17(1-2):39, 1957
Newportia rossi Chamberlin, n. sp. 17(1-2):40, 1957
Newportia schlingerii Chamberlin, n. sp. 17(1-2):40, 1957

CHILOPODA: SCOLOPENDRIDAE

- Cormocephalus (Cupipes) anechinus* Chamberlin, n. sp. 17(1-2):30, 1957
Cormocephalus (Cupipes) tingonus Chamberlin, n. sp. 17(1-2):31, 1957

CHILOPODA: OTOSTIGMIDAE

- Otostigmus burgeri monsonus* Chamberlin, n. subsp. 17(1-2):32, 1957
Otostigmus (Parotostigmus) lavanus Chamberlin, n. sp. 17(1-2):32, 1957
Otostigmus (Parotostigmus) mesethus Chamberlin, n. sp. 17(1-2):34, 1957
Otostigmus (Parotostigmus) parvior Chamberlin, n. sp. 17(1-2):34, 1957

CHILOPODA: PACHMYERINIDAE

- Nesomerium hawaiiense* Chamberlin, n. sp. 13(3-4):84, 1953
Zelanion hawaiiensis Chamberlin, n. sp. 13(3-4):82, 1953

CHILOPODA: CRYPTOPIDAE

- Cryptops calinus* Chamberlin, n. sp. 17(1-2):35, 1957

CHILOPODA: SCHENDYLIDAE

- Lanonyx lanaius* Chamberlin, n. sp. 13(3-4):76, 1953

CHILOPODA: BALLOPHILIDAE

- Ballophilus liber* Chamberlin, n. sp. 13(3-4):76, 1953

CHILOPODA: TAMPIYIDAE

- Abatorus allredi* Chamberlin, n. sp. 25(1-2):40, 1965

DIPLOPODA: PLATYDESMIDAE

- Platydesmus calus* Chamberlin, n. sp. 12(1-4):30, 1952
Platydesmus crucis Chamberlin, n. sp. 12(1-4):31, 1952
Platydesmus excisus Chamberlin, n. sp. 12(1-4):31, 1952
Platydesmus perditus Chamberlin, n. sp. 12(1-4):33, 1952

DIPLOPODA: SIPHONOPHORIDAE

- Siphonophora conicornis* Chamberlin, n. sp. 12(1-4):34, 1952
Siphonophora fallens annecta Chamberlin, n. subsp. 12(1-4):34, 1952
Siphonophora vera Chamberlin, n. sp. 12(1-4):34, 1952

DIPLOPODA: PARAIULIDAE

- Teniulus parvior* Chamberlin, n. sp. 11(1-2):23, 1951
Teniulus setosior Chamberlin, n. sp. 11(1-2):21, 1951
Uroblaniulus dixinus Chamberlin, n. sp. 11(1-2):21, 1951
Uroblaniulus exul Chamberlin, n. sp. 11(1-2):19, 1951

DIPLOPODA: CONOTYLIDAE

- Trichopetalum montis* Chamberlin, n. sp. 11(1-2):24, 1951

DIPLOPODA: CLEIDOGONIDAE

- Pseudotremia fracta* Chamberlin, n. sp. 11(1-2):25, 1951
Pseudotremia hansonii Chamberlin, n. sp. 11(1-2):25, 1951

DIPLOPODA: XYSTODESMIDAE

- Boraria monticolens* Chamberlin, n. sp. 11(1-2):26, 1951

DIPLOPODA: POLYDESMIDAE

- Dixidesmus phanus* Chamberlin, n. sp. 11(1-2):27, 1951

DIPLOPODA: EURYURIDAE

- Auturus becki* Chamberlin, n. sp. 11(1-2):29, 1951

DIPLOPODA: CAMBALIDAE

- Nannolene corticolens* Chamberlin, n. sp. 11(1-2):31, 1951

DIPLOPODA: CLEIDOGONIDAE

- Cleidogona mandeli* Chamberlin, n. sp. 12(1-4):13, 1952
Cleidogona punctifer Chamberlin, n. sp. 12(1-4):13, 1952
Cleidogona tajumulco Chamberlin, n. sp. 12(1-4):15, 1952

DIPLOPODA: STEMMIULIDAE

- Prostemmiulus atypus* Chamberlin, n. sp. 12(1-4):15, 1952
Prostemmiulus obscurus Chamberlin, n. sp. 12(1-4):16, 1952

DIPLOPODA: PARAIULIDAE

- Paraiulus schmidti* Chamberlin, n. sp. 12(1-4):18, 1952
Paraiulus viganus Chamberlin, n. sp. 12(1-4):19, 1952

DIPLOPODA: PHALLORTHIDAE

- Phallorthis columbianus* Chamberlin, n. sp. 12(1-4):20, 1952

DIPLOPODA: SPIROSTREPTIDAE

- Orthoporus bisulcatus* Chamberlin, n. sp. 12(1-4):21, 1952
Orthoporus bobos Chamberlin, n. sp. 12(1-4):23, 1952
Orthoporus cienegonus Chamberlin, n. sp. 12(1-4):23, 1952

- Orthoporus crotonus* Chamberlin, n. sp. 12(1-4):24, 1952
Orthoporus euthus Chamberlin, n. sp. 12(1-4):25, 1952
Orthoporus gracilior Chamberlin, n. sp. 12(1-4):25, 1952
Orthoporus tehuacanus Chamberlin, n. sp. 12(1-4):26, 1952
Orthoporus unciferens Chamberlin, n. sp. 12(1-4):27, 1952
Scaphiostreptus dybasi Chamberlin, n. sp. 12(1-4):28, 1952
Scaphiostreptus simplex Chamberlin, n. sp. 12(1-4):27, 1952
Spirostreptus ergus Chamberlin, n. sp. 12(1-4):29, 1952

CHORDATA

OSTARIOPHYSI: CATOSTOMIDAE

- Notolepidomyzon intermedius* Tanner, n. sp. 3(2):29, 1942

OSTARIOPHYSI: CYPRINIDAE

- Gila jordani* Tanner, n. sp. 10(1-4):32, 1950

AMPHIBIA: HYLIDAE

- Hyla macrotympanum* W. W. Tanner, n. sp. 17(1-2):52, 1957

AMPHIBIA: SALAMANDRIDAE

- Magnadigita marmorea* W. W. Tanner and Brame, n. sp. 21(1-2):23, 1961

REPTILIA: IGUANIDAE

- Brachylophus brevicephalus* Avery and Tanner, sp. nov. 30(3):167, 1970
Crotaphytes wislizeni neseotes Banta and Tanner, n. subsp. 28(4):186, 1968
Crotaphytes wislizeni punctatus Tanner and Banta, n. subsp. 23(3-4):138, 1963
Sceloporus clarki uriquensis W. W. Tanner and Robison, n. subsp. 19(4):77, 1959
Sceloporus magister cephaloflavus W. W. Tanner, n. subsp. 15(1-4):32, 1955
Sceloporus nelsoni coeruleus W. W. Tanner and Robison, n. subsp. 19(4):79, 1959

REPTILIA: SCINCIDAE

- Pseudogecko shebae* Brown and V. M. Tanner, n. sp. 9(3-4):43, 1949
Emoia caeruleocauda reimschuesseli V. M. Tanner, n. subsp. 10(1-4):20, 1950
Eumeces brevirostris bilineatus W. W. Tanner, n. subsp. 18(2):59, 1958
Eumeces lynxe durangoensis W. W. Tanner, n. subsp. 18(2):57, 1958
Eumeces multilineatus W. W. Tanner, n. sp. 17(3-4):111, 1957
Eumeces skiltonianus interparietalis W. W. Tanner, n. subsp. 17(3-4):73, 1957
Eumeces skiltonianus utahensis W. W. Tanner, n. subsp. 17(3-4):67, 1957

REPTILIA: TYPHLOPIDAE

- Typhlops adamsi* V. M. Tanner, n. sp. 11(3-4):64, 1951
Typhlops becki V. M. Tanner, n. sp. 9(1-2):15, 1948

REPTILIA: COLUBRIDAE

- Hypsiglena nuchalatus* W. W. Tanner, n. sp. 4(1-2):49, 1943
Hypsiglena ochrorhynchus deserticola W. W. Tanner, n. subsp. 5(3-4):59, 1944
Hypsiglena ochrorhynchus klauberi W. W. Tanner, n. subsp. 5(3-4):71, 1944
Hypsiglena ochrorhynchus lorealus W. W. Tanner, n. subsp. 5(3-4):63, 1944
Hypsiglena ochrorhynchus tortugaensis W. W. Tanner, n. subsp. 5(3-4):69, 1944

- Hypsiglena ochrorhynchus unaocularus* W. W. Tanner, n. sp. 5(3-4): 74, 1944
Hypsiglena slevini W. W. Tanner, n. sp. 4(1-2):53, 1943
Lampropeltis pyromelana infralabialis W. W. Tanner, n. subsp. 13(1-2):56, 1953
Lampropeltis pyromelana woodini W. W. Tanner, n. subsp. 13(1-2):54, 1953

MAMMALIA: MURIDAE

- Microtus montanus amosus* Hall and Hayward, n. subsp. 2(2):105, 1941
Microtus montanus nexus Hall and Hayward, n. subsp. 2(2):106, 1941
Ochotona princeps utahensis Hall and Hayward, n. subsp. 2(2):107, 1941

PLANTS

DICOTYLEDONES: POLYGONACEAE

- Eriogonum corymbosum* var. *albogilvum* Reveal, n. var. 27(4):218, 1967
Eriogonum corymbosum var. *dauidsei* Reveal, n. var. 27(4):216, 1967
Eriogonum corymbosum var. *velutinum* Reveal, n. var. 27(4):224, 1967
Eriogonum duchesnense Reveal, n. sp. 27(4):194, 1967
Eriogonum exilifolium Reveal, n. sp. 27(2):114, 1967
Eriogonum hylophilum Reveal and Brotherson, n. sp. 27(4):190, 1967
Eriogonum lancifolium Reveal and Brotherson, n. sp. 27(4):187, 1967
Eriogonum saurinum Reveal, n. sp. 27(4):196, 1967
Eriogonum smithii Reveal, n. sp. 27(4):202, 1967

DICOTYLEDONES: BORAGINACEAE

- Cryptantha compacta* Higgins, n. sp. 28(4):196, 1968
Cryptantha johnstonii Higgins, n. sp. 28(4):195, 1968
Cryptantha ochroleuca Higgins, n. sp. 28(4):197, 1968
Cryptantha shackletteana Higgins, n. sp. 29(1):28, 1969
Cryptantha subgenus *Oreocarya* (Greene) Higgins, n. stat. 29(1):30, 1969

BRASSICACEAE

- Alyssum turgidum* Dudley, n. sp. 24(1):7, 1964

CRUCIFERAE

- Lepidium barnebyanum* Reveal, n. n. 27(3):178, 1967